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SOURCE Newspapers as indicated.

DEVELOP HIGH SPEED STEEL,
 SPEED SMELTING PROCESS

OVERCOME BOTTLENECK IN STEEL PRODUCTION -- Berlin, Taegliche Rundschau, 28 Mar 51

The research collective of the Thale Iron and Steel Works has developed a type of high-speed steel equivalent to the refined steel which, heretofore, had to be imported from West Germany. This high-speed steel, which was introduced at the Leipzig Fair, can be delivered in sizable quantities within 4 weeks from receipt of orders.

ADD OXYGEN, AIR TO LIQUID STEEL -- Berlin, Nachrichten fuer Auszenhandel, 24 Jan 51

A new method for high-speed smelting in which oxygen and compressed air are added to liquid steel has been developed by the people-owned Riesa Steel and Rolling Mills. The injection of compressed air into the boiling batches shortens the smelting time by 2 hours.

REDUCE SMELTING TIME FOR STEEL -- Berlin, Taegliche Rundschau, 25 Mar 51

A reduction of from 7 or 8 hours to 4 2/3 hours in the time required for smelting steel has been achieved by the Schoenfeld brigade of the Marten Structural Steel Foundry in Chemnitz-Borna. This saving in time is a result of the use of a speed smelting method patterned on the one devised by the Soviet activist Alexei Shuravzev.

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EXPAND BURG ROLLING MILLS -- Berlin, Nachrichten fuer Aussenhandel, 24 Feb 51

On 17 February 1951 the Burg Rolling Mills started operation of a new hot-rolling mill, the parts of which were produced in the German Democratic Republic. The new rolling mill enables the plant, which formerly produced only blue sheet, to turn out dynamo and transformer plate, as well as very thin sheet of less than one-millimeter thickness.

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